

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079564.D
 Acq On : 29 May 2015 17:02
 Operator : TP/IZ
 Sample : PB83635BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:20:52 PM

Quant Time: May 29 23:53:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	89939	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	366998	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	179395	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	328425	20.00	ng	0.00
75) Chrysene-d12	15.81	240	303574	20.00	ng	-0.07
86) Perylene-d12	17.52	264	308588m	20.00	ng	-0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	590790	113.93	ng	0.00
7) Phenol-d6	6.55	99	710964	107.57	ng	0.00
23) Nitrobenzene-d5	7.66	82	426162	67.12	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	228282	115.85	ng	0.00
44) 2-Fluorobiphenyl	9.87	172	876225	69.68	ng	-0.01
78) Terphenyl-d14	14.51	244	909469	70.31	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	70092	28.41	ng	# 100
3) Pyridine	2.42	79	177241	32.63	ng	98
4) n-Nitrosodimethylamine	2.35	42	86386	32.30	ng	99
6) Aniline	6.55	93	216544	23.08	ng	# 87
8) 2-Chlorophenol	6.68	128	216626	35.89	ng	96
9) Benzaldehyde	6.40	77	22709	4.10	ng	95
10) Phenol	6.57	94	267068	34.32	ng	92
11) bis(2-Chloroethyl)ether	6.65	93	207355	36.84	ng	93
12) 1,3-Dichlorobenzene	6.87	146	223764	33.46	ng	98
13) 1,4-Dichlorobenzene	6.97	146	233029	34.16	ng	99
14) 1,2-Dichlorobenzene	7.15	146	220989	34.88	ng	99
15) Benzyl Alcohol	7.15	79	178148	36.68	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.32	45	282713	34.31	ng	96
17) 2-Methylphenol	7.31	107	171790	36.22	ng	99
18) Hexachloroethane	7.56	117	78489	33.43	ng	97
19) n-Nitroso-di-n-propylamine	7.48	70	157798	33.93	ng	# 91
20) 3+4-Methylphenols	7.51	107	231717	35.56	ng	94
22) Acetophenone	7.47	105	305151	37.11	ng	# 93
24) Nitrobenzene	7.68	77	219421	35.07	ng	# 84
25) Isophorone	7.98	82	396161	34.23	ng	94
26) 2-Nitrophenol	8.07	139	106767	36.04	ng	# 86
27) 2,4-Dimethylphenol	8.15	122	193967	36.42	ng	95
28) bis(2-Chloroethoxy)methane	8.26	93	255170	35.58	ng	97
29) 2,4-Dichlorophenol	8.38	162	188715	38.69	ng	97
30) 1,2,4-Trichlorobenzene	8.47	180	185031	36.57	ng	94
31) Naphthalene	8.56	128	617482	35.06	ng	99
32) Benzoic acid	8.30	122	123183	37.27	ng	94
33) 4-Chloroaniline	8.65	127	165060	22.43	ng	# 93
34) Hexachlorobutadiene	8.71	225	99095	34.43	ng	99
35) Caprolactam	9.08	113	55337	35.97	ng	98
36) 4-Chloro-3-methylphenol	9.27	107	195886	38.72	ng	# 87
37) 2-Methylnaphthalene	9.42	142	438144	35.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	176556	35.19	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	100361	69.43	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	122437	34.94	nq	98
43) 2,4,5-Trichlorophenol	9.83	196	133626	38.31	nq	# 89
45) 1,1'-Biphenyl	10.00	154	518817	37.03	nq	99
46) 2-Chloronaphthalene	10.01	162	384818	34.78	nq	98
47) 2-Nitroaniline	10.16	65	116410	35.38	nq	# 60
48) Acenaphthylene	10.52	152	644627	35.09	nq	99
49) Dimethylphthalate	10.40	163	461960	34.95	nq	99
50) 2,6-Dinitrotoluene	10.47	165	98261	37.21	nq	# 72
51) Acenaphthene	10.73	154	362986	34.56	nq	99
52) 3-Nitroaniline	10.67	138	87112	25.36	nq	# 74
53) 2,4-Dinitrophenol	10.81	184	74367	70.90	nq	# 82
54) Dibenzofuran	10.95	168	558907	36.08	nq	99
55) 4-Nitrophenol	10.91	139	142037	74.57	nq	98
56) 2,4-Dinitrotoluene	10.97	165	129274	36.50	nq	# 73
57) Fluorene	11.37	166	449179	35.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	98706	38.89	nq	# 100
59) Diethylphthalate	11.27	149	449665	34.75	nq	96
60) 4-Chlorophenyl-phenylether	11.38	204	199271	36.12	nq	98
61) 4-Nitroaniline	11.43	138	108299	33.84	nq	81
62) Azobenzene	11.58	77	427358	33.96	nq	99
64) 4,6-Dinitro-2-methylphenol	11.47	198	56965	36.31	nq	# 72
65) n-Nitrosodiphenylamine	11.54	169	388969	35.66	nq	100
66) 4-Bromophenyl-phenylether	11.99	248	129822	38.39	nq	98
67) Hexachlorobenzene	12.05	284	143502	37.21	nq	98
68) Atrazine	12.22	200	117042	39.72	nq	98
69) Pentachlorophenol	12.31	266	117096	79.27	nq	96
70) Phenanthrene	12.56	178	650819	36.12	nq	100
71) Anthracene	12.62	178	636686	34.81	nq	99
72) Carbazole	12.83	167	623551	35.41	nq	98
73) Di-n-butylphthalate	13.29	149	718122	36.07	nq	100
74) Fluoranthene	14.02	202	653230	33.81	nq	96
76) Benzidine	14.22	184	321050	49.38	nq	98
77) Pyrene	14.30	202	677839	36.04	nq	98
79) Butylbenzylphthalate	15.14	149	297409	35.16	nq	91
80) Benzo(a)anthracene	15.79	228	600843	34.41	nq	98
81) 3,3'-Dichlorobenzidine	15.77	252	166115	25.98	nq	# 98
82) Chrysene	15.83	228	572675	34.50	nq	99
83) Bis(2-ethylhexyl)phthalate	15.86	149	424130	35.00	nq	99
84) Di-n-octyl phthalate	16.65	149	721998	34.23	nq	99
85) Indeno(1,2,3-cd)pyrene	18.81	276	731730m	34.27	nq	
87) Benzo(b)fluoranthene	17.07	252	651539m	37.02	nq	
88) Benzo(k)fluoranthene	17.11	252	567150m	36.04	nq	
89) Benzo(a)pyrene	17.46	252	592893m	38.12	nq	
90) Dibenzo(a,h)anthracene	18.83	278	600349m	36.91	nq	
91) Benzo(g,h,i)perylene	19.19	276	621311m	38.62	nq	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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